

Appl. No. : 10/630,439  
Filed : July 29, 2003

### AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0001] in the substitute specification filed on December 19, 2005, with the following:

This application is a continuation of U.S. Application No. 09/888,868, itled "METHOD AND APPARATUS FOR SIMULATING PHYSICAL FIELDS", filed June 25, 2001, now U.S. Pat. No. 6,665,849, which is:

(1) claims the benefit of U.S. Provisional Application No. 60/213,764, filed June 23, 2000, and is hereby incorporated by reference in its entirety; and

(2) is a continuation-in-part of U.S. Application No. 09/328,882, titled "A METHOD FOR LOCALLY REFINING A MESH", filed June 9, 1999, now U.S. Patent No. 6,453,275, which is based on provisional Application No. 60/088,679, filed June 9, 1998.

The present application also claims priority to ~~and incorporates by reference, in their entirety, U.S. Application No. 60/213,764, titled "METHOD AND APPARATUS FOR SIMULATING ELECTROMAGNETIC FIELDS", filed June 23, 2000 and United Kingdom Application No. 0113039.2, titled "AB INITIO ELECTRODYNAMIC MODELING OF ON-CHIP BACK-END STRUCTURES", filed May 30, 2001, which is hereby incorporated by reference in its entirety.~~